



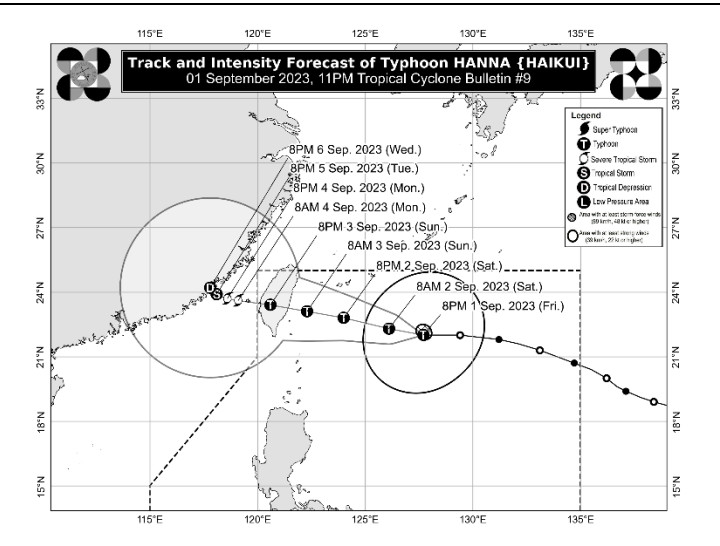
TROPICAL CYCLONE BULLETIN NR. 9
Typhoon HANNA (HAIKUI)

Issued at 11:00 PM, 01 September 2023

Valid for broadcast until the next bulletin at 5:00 AM tomorrow.

“HANNA” MAINTAINS ITS STRENGTH WHILE MOVING WESTWARD OVER THE PHILIPPINE SEA

Location of Center (10:00 PM)
The center of the eye of Typhoon HANNA was estimated based on all available data at 600 km East Northeast of Itbayat, Batanes (21.9°N, 127.5°E)
Intensity
Maximum sustained winds of 120 km/h near the center, gustiness of up to 150 km/h , and central pressure of 975 hPa
Present Movement
Westward at 15 km/h
Extent of Tropical Cyclone Winds
Strong to typhoon-force winds extend outwards up to 340 km from the center



TRACK AND INTENSITY FORECAST

Date and Time	Center Position			Intensity		Movement dir. and speed (km/h)
	Lat. (°N)	Lon. (°E)	Location	MSW (km/h)	Cat.	
12-Hour Forecast 8:00 AM 02 September 2023	22.3	126.1	470 km East Northeast of Itbayat, Batanes	130	TY	WNW 15
24-Hour Forecast 8:00 PM 02 September 2023	22.8	124.0	315 km Northeast of Itbayat, Batanes	140	TY	WNW 20
36-Hour Forecast 8:00 AM 03 September 2023	23.1	122.3	260 km North of Itbayat, Batanes	140	TY	W 15
48-Hour Forecast 8:00 PM 03 September 2023	23.4	120.6	320 km North Northwest of Itbayat, Batanes or in the vicinity of Chiayi County, Taiwan	120	TY	W 15
60-Hour Forecast 8:00 AM 04 September 2023	23.6	119.1	420 km Northwest of Itbayat, Batanes (OUTSIDE PAR)	100	STS	W 15
72-Hour Forecast 8:00 PM 04 September 2023	23.7	118.6	465 km Northwest of Itbayat, Batanes (OUTSIDE PAR)	95	STS	WNW Slowly
96-Hour Forecast 8:00 PM 05 September 2023	23.9	118.1	520 km Northwest of Itbayat, Batanes (OUTSIDE PAR)	75	TS	Almost stationary
120-Hour Forecast 8:00 PM 06 September 2023	24.2	117.8	565 km Northwest of Itbayat, Batanes or in the vicinity of Fujian, China (OUTSIDE PAR)	55	TD	Almost stationary

TROPICAL CYCLONE WIND SIGNALS (TCWS) IN EFFECT

No Wind Signal hoisted at this time.

Prepared by: *RPG*

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HAZARDS AFFECTING LAND AREAS

Heavy Rainfall Outlook

HANNA is less likely to directly bring heavy rainfall over the country throughout the forecast period. However, the Southwest Monsoon currently enhanced by HANNA and two other tropical cyclones outside the Philippine Area of Responsibility (SAOLA and KIROGI) will bring occasional to monsoon rains over the western portion of Luzon in the next three days. For more information, refer to **Weather Advisory #17 for Southwest Monsoon** issued at 11:00 PM today.

Forecast rainfall are generally higher in elevated or mountainous areas. Under these conditions, **flooding and rain-induced landslides are expected** especially in areas that are highly or very highly susceptible to these hazards as identified in hazard maps and in localities that experienced considerable amounts of rainfall for the past several days.

Severe Winds

HANNA is less likely to directly bring severe winds over the country throughout the forecast period. However, further southward shift in the track forecast may result in the hoisting of Wind Signal No. 1 over Batanes.

The **enhanced Southwest Monsoon** will continue to bring **gusty conditions** over the following areas not under any Wind Signal, especially in coastal and upland/mountainous areas exposed to winds:

- **Today to Sunday:** Batanes, Babuyan Islands, Ilocos Region, Cordillera Administrative Region, Nueva Vizcaya, Zambales, Pampanga, Bataan, Aurora, Bulacan, Metro Manila, CALABARZON, MIMAROPA, Bicol Region, Western Visayas, and the northern portion of Eastern Visayas.
- **Monday:** Batanes, Babuyan Islands, Ilocos Region, Cordillera Administrative Region, Nueva Vizcaya, Zambales, Pampanga, Bataan, Aurora, Bulacan, Metro Manila, CALABARZON, and most of Bicol Region, MIMAROPA, and Western Visayas.

HAZARDS AFFECTING COASTAL WATERS

HANNA is less likely to bring rough sea conditions over any seaboard of the country through the forecast period. However, due to the Southwest Monsoon that it is slightly enhancing, a **Gale Warning is in effect** for most seaboards of Luzon and Western Visayas, and the seaboard of Northern Samar. Disruption in civilian maritime activities is expected over these areas (e.g., suspension of sea travel) due to hazardous sea condition. For more information, refer to **Gale Warning #20** issued at 5:00 PM today.

TRACK AND INTENSITY OUTLOOK

- HANNA is forecast to move west northwestward or westward while gradually intensifying until Sunday and may make landfall along the east coast of Taiwan on Sunday morning or afternoon at or near its peak intensity. Its traverse over the rugged terrain of Taiwan will result in considerable weakening. On the forecast track, HANNA will exit the Philippine Area of Responsibility and emerge over the Taiwan Strait between Sunday evening and Monday morning as a severe tropical storm or a minimal typhoon.
- Outside the PAR region, HANNA is forecast to move erratically and may even become almost stationary over the Taiwan Strait while continuously weakening due to land interaction and increasingly unfavorable environment.

Considering these developments, the public and disaster risk reduction and management offices concerned are advised to take all necessary measures to protect life and property. Persons living in areas identified to be highly or very highly susceptible to these hazards are advised to follow evacuation and other instructions from local officials. **For heavy rainfall warnings, thunderstorm/rainfall advisories, and other severe weather information specific to your area, please monitor products issued by your local PAGASA Regional Services Division.**

The next tropical cyclone bulletin will be issued at 5:00 AM tomorrow.

DOST-PAGASA

Prepared by:  **RPG**

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